

LABOR SERVICES DIVISION[875]

Notice of Intended Action

Twenty-five interested persons, a governmental subdivision, an agency or association of 25 or more persons may demand an oral presentation hereon as provided in Iowa Code section 17A.4(1)“b.”

Notice is also given to the public that the Administrative Rules Review Committee may, on its own motion or on written request by any individual or group, review this proposed action under section 17A.8(6) at a regular or special meeting where the public or interested persons may be heard.

Pursuant to the authority of Iowa Code section 89.14 as amended by 2010 Iowa Acts, Senate File 2181, the Boiler and Pressure Vessel Board proposes to amend Chapter 90, “Administration of the Boiler and Pressure Vessel Program,” and Chapter 91, “General Requirements for All Objects,” Iowa Administrative Code.

These proposed amendments implement 2010 Iowa Acts, Senate File 2181, relating to the conversion of power boilers to low-pressure boilers; adopt by reference four American Society of Mechanical Engineers’ code cases and the newest version of the National Board Inspection Code; and add an exception to the requirement for control safety data reports.

The purposes of these amendments are to protect the safety of the public and implement legislative intent.

No variance procedures are included in these rules. Applicable variance procedures are set forth in 875—Chapter 81.

If requested in accordance with Iowa Code section 17A.4(1)“b” by the close of business on October 12, 2010, a public hearing will be held on October 13, 2010, at 10 a.m. in the Capitol View Room at 1000 East Grand Avenue, Des Moines, Iowa. Interested persons will be given the opportunity to make oral statements and file documents concerning the proposed amendments. The facility for the oral presentations is accessible to and functional for persons with physical disabilities. Persons who have special requirements should call (515)281-5915 in advance to arrange access or other needed services.

Interested persons shall submit written data, views, or arguments to be considered in adoption no later than October 13, 2010, to Division of Labor Services, 1000 East Grand Avenue, Des Moines, Iowa 50319-0209. Comments may be sent electronically to kathleen.uehling@iwd.iowa.gov.

These amendments are intended to implement Iowa Code chapter 89 as amended by 2010 Iowa Acts, Senate File 2181.

The following amendments are proposed.

ITEM 1. Adopt the following **new** rule 875—90.15(89):

875—90.15(89) Conversion of a power boiler to a low-pressure boiler. The following requirements apply to the conversion of a power boiler to a low-pressure boiler. The owner shall comply with the requirements of subrule 90.15(1) for each conversion. In addition, the owner shall comply with the requirements of subrule 90.15(2) if the converted object will be located outside of a place of public assembly or with the requirements of subrule 90.15(3) if the converted object will be located in a place of public assembly.

90.15(1) General requirements.

a. The owner shall provide to the labor commissioner written notice of intent to convert a power boiler to a low-pressure boiler prior to conversion. The required form for a notice of conversion is available at http://www.iowaworkforce.org/labor/boiler_inspection_.htm. At a minimum the notice shall contain the following:

- (1) Address, uses, and owner of the building where the boiler is located.
- (2) The Iowa identification number assigned to the boiler.
- (3) Name and contact information for the person completing the notice.

(4) Name and contact information for the contractor or other person planning to perform the conversion.

b. Pressure controls shall not exceed 14 pounds per square inch.

c. All boiler controls shall comply with ASME CSD-1.

d. Safety valves and safety relief valves shall be manufactured in accordance with a national or international standard.

e. One or more spring-pop safety valves meeting the following requirements shall be installed on each steam boiler:

(1) The valve shall be adjusted and sealed to discharge at a pressure not to exceed 15 psig.

(2) The valve capacity shall be certified by the National Board.

f. The converted boiler shall be subject to post-conversion external inspection to ensure that the requirements of this rule are met.

90.15(2) *Boilers located outside places of public assembly.* A power boiler that was converted to a low-pressure boiler and that is located outside of a place of public assembly shall not be converted back to a power boiler unless the following requirements are met:

a. The owner shall notify the labor commissioner at least ten days prior to converting the boiler.

b. The owner shall comply with the editions of ASME Section I and CSD-1 in effect at the time of the second conversion.

c. The owner shall comply with the version of 875—Chapter 92 in effect at the time of the second conversion.

90.15(3) *Boilers located in places of public assembly.* A power boiler converted to a low-pressure boiler that is located in a place of public assembly shall comply with 875—Chapter 94.

ITEM 2. Amend rule 875—91.1(89) as follows:

875—91.1(89) Codes and code cases adopted by reference.

91.1(1) No change.

91.1(2) *ASME code cases.* If the manufacturer of an object listed ASME Code Case 2529, 2568, 2571, or 2571-1 on the manufacturer's data report for the object and the object is otherwise in compliance with all applicable provisions, the object is in compliance with these rules.

91.1(2) 91.1(3) *Inspection code adopted by reference.* The National Board Inspection Code (2007 with 2008, 2009, and 2010 addenda) is adopted by reference, and reinstallations, installations, alterations, and repairs after January 1, 2010, shall comply with it.

91.1(3) 91.1(4) *Electric code adopted by reference.* The National Electric Electrical Code (2008) is adopted by reference, and reinstallations and installations after January 1, 2010, shall comply with it.

91.1(4) 91.1(5) *Piping codes adopted by reference.* The Power Piping Code, ASME B31.1 (2007), ASME B31.1a (2008), and ASME B31.1b (2009), and the Building Services Piping Code, ASME B31.9 (2008), are adopted by reference, and reinstallations and installations after April 14, 2010, shall comply with them up to and including the first valve.

91.1(5) 91.1(6) *Control and safety device code adopted by reference.* Controls and Safety Devices for Automatically Fired Boilers (CSD-1) (2009) is adopted by reference, and reinstallations and installations after January 1, 2010, shall comply with it.

91.1(6) 91.1(7) *Mechanical code adopted by reference.* Excluding Section 701.1, Chapters 2 and 7 of the International Mechanical Code (IMC) (2009) are adopted by reference effective January 1, 2010.

91.1(7) 91.1(8) *Oil burning equipment code adopted by reference.* National Fire Protection Association Standard for the Installation of Oil Burning Equipment, NFPA 31 (2006), is adopted by reference.

91.1(8) 91.1(9) *Fuel gas code adopted by reference.* National Fire Protection Association National Fuel Gas Code, NFPA 54 (2009), is adopted by reference.

91.1(9) 91.1(10) *Liquefied petroleum gas code adopted by reference.* National Fire Protection Association Liquefied Petroleum Gas Code, NFPA 58 (2008), is adopted by reference.

~~91.1(10)~~ 91.1(11) *Boiler and combustion systems hazards code adopted by reference.* National Fire Protection Association Boiler and Combustion Systems Hazards Code, NFPA 85 (2007), is adopted by reference.

ITEM 3. Adopt the following **new** paragraph **91.20(1)“d”**:

d. A boiler with a fuel input rating greater than or equal to 12,500,000 Btu per hour, falling within the scope of NFPA 85, Boiler and Combustion Systems Hazards Code.